

R E P O R T

On the Health and Sanitary Condition of the

WESTBURY URBAN DISTRICT

for the year

1 9 6 2

WESTBURY URBAN DISTRICT COUNCIL.

J. REYNOLDS,

Medical Officer of Health of
the Westbury Urban District
Council.

Health Department,
Craven House,
Warminster,
Wilts.

W.G. Butcher, Esq., J.P.,
Chairman, Westbury Urban District Council.

Sir,

As directed by the Council in accordance with the Ministry of Health Circular 1/63, I have the honour to present my Annual Report for the year 1962. This report is followed by that of your Public Health Inspector.

The Local Sanitary Authority is, in the main, responsible for environmental hygiene and the control of communicable disease. The table, later in the report, shows the incidence of infectious disease and this stresses the usual biennial pattern for measles. One death in the township was due to infective hepatitis which is not notifiable. The presence of this virus in the community assumes great importance in connection with water supplies since it is now known that the virus of infective hepatitis can exist for long periods in drinking water. This means that the strictest control of water supplies is essential and explains my dissatisfaction expressed later in the report with regard to water supplies.

Smallpox was epidemic in England during the year. The table for 1961 is in this report for the purpose of comparison with the figures for 1962. It will be seen that in the age groups 5 - 14 and 15 or over that 415 persons had a primary vaccination in 1962 as opposed to 10 persons in 1961. Obviously the presence of smallpox in the United Kingdom acted as a strong stimulant to vaccination. It is a pity that parents wait until the threat is literally in the next street or from a neighbour in a bus or train before vaccination is sought. Babies should be vaccinated in the second year of life because it should be recognised that with the presence of an epidemic little can be done to protect the community by vaccination. Immunity takes time to develop and I stress again this immunity should be conferred by vaccination in early childhood.

All persons concerned with the Public Health in the town have continued to co-operate whole-heartedly with me, and I am grateful to your Public Health Committee, the Clerk of the Council, the Family Doctors and visiting Consultants, and the Director of the Public Health Laboratory. The Public Health Inspectors have worked conscientiously and I am personally indebted to them and to my efficient office staff.

I have the honour to be, Sir,

Your obedient servant,

JOSEPH REYNOLDS.

WESTBURY URBAN DISTRICT COUNCIL

To May, 1962

From May, 1962

Chairman of the Council:

W. G. Butcher, J.P.

W. G. Butcher, J.P.

Vice-Chairman:

C. Williams.

C. Williams.

Chairman of the Public Health Committee:

E. J. Argent.

E. J. Argent.

Members of the Public Health Committee:

Chairman of the Council)
Vice-Chairman of the Council) ex officio

Councillors:

E. J. Argent.

E. J. Argent.

R. H. Candy.

R. H. Candy.

Mrs. P. F. Cundick.

Mrs. P. F. Cundick.

H. A. Giles.

Rev. J. W. Edge.

T. E. Masters.

H. A. Giles.

T. G. Nichols.

T. E. Masters.

W. G. Taylor.

W. G. Taylor.

Representatives of the Council on other Bodies:

West Wilts Water Board: C. Williams

Deputy: T. E. Masters.

Wiltshire Urban District Councils Association:

R. H. Candy.

M. W. Jones.

Council for the Preservation of Rural England - Wiltshire Branch:

Rev. J. W. Edge.

South Western Development Association:

W. G. Taylor.

Westbury Road Safety Committee:

H. W. Earle.

H. A. Giles.

L. S. Ingram.

National Playing Fields Association (Westbury Branch):

E. J. Argent.

Public Health Officers of the Authority:

Medical Officer of Health:

Office:

Joseph Reynolds, M.C., L.R.C.P. Edin., L.R.C.S. Edin.,
L.R.F.P. & S. Glas., D.P.H. (Eng).

Craven House,
Warminster.

Telephone:
Warminster 3423/9

Chief Public Health Inspector:

C. R. Driver, M.R.C.H.

The Laverton Institute,
Westbury.

Additional Public Health Inspector:

G. R. Pope, M.A.P.H.I.

Telephone:
Westbury 31.

Clerks (Warminster Office):

Miss K. V. Jones.

Miss E. A. Brown.

Miss P. J. Lapham.

The Medical Officer of Health also holds the appointments of Medical Officer of Health for the Urban District of Warminster and Rural District of Warminster and Westbury. He is also Assistant Medical Officer and School Medical Officer for the Wiltshire County Council.

The Chief Public Health Inspector is also Surveyor to the Council. The Additional Public Health Inspector also spends much time on Surveyor's work.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

(Figures in brackets refer to 1961)

Area of the District (in acres).	3,686	(3,686)
Population - Registrar General's estimate as at 30th June, 1962.	5,440	(5,420)
Density of Population - Persons per acre.	1.5	(1.5)
Number of Inhabited Houses and Flats as at 31st March, 1962.	1821	(1,795)
Number of Council Houses at 31st March, 1962.	478	(456)
Number of Applications for Council Houses outstanding at 31st March, 1962.	120	(140)
Number of Hutments at 31st March, 1962.	Nil	(7)
Rateable Value on 31st March, 1962.	£61,757	(£60,557)
Product of a Penny Rate.	£248 6. 3.	(£247 18.11)
Local Authority Dept. per head of population.	£120	(£114)
Loan Debt per £ of Rateable Value - Westbury.	£10.5	(£10.2)

The Chief industries are:-

British Railways (Western Region) with its extensive junction and locomotive sheds for the maintenance of diesel rolling stock.
Several Glove Manufacturers.
Cloth Mills.
Makers of Processed Cheeses.
Cement Manufacture.
Building Contractors.
Concrete Manufacturing Company Limited.
Umbrella Factory.
Agricultural Engineers.
Coach Builders.
Civil Engineering Contractors.
Manufacture of Synchronized Clocks.

VITAL STATISTICS.

The figures for deaths include those of members of the Armed Forces who were stationed in the area. The population figures given are home populations (i.e., including members of the Armed Forces stationed in the area). The Area comparability factors for use with crude birth and death rates contain adjustments for boundary changes and make allowance for the way in which the sex and age distribution of the local population differs from that for England and Wales as a whole. In addition, the death rate area comparability factors have been adjusted specifically to take account of the presence of any residential institutions in each area. When local crude birth and death rates are multiplied by the appropriate area comparability factor, they are comparable with the crude rate for England and Wales or with the corresponding adjusted rate for any other area.

a)	<u>Live Births.</u>	<u>Male.</u>	<u>Female.</u>	
	TOTAL	59	39	
	Legitimate	56	37	
	Illegitimate	3	2	
	<u>Live Birth Rate per 1,000 population of the Urban District</u>		18.0	
	<u>Live Birth Rate of the Urban District after correction by Area Comparability Factor (1.04) which permits comparison with National statistics below</u>		18.7	
	<u>Live Birth Rate per 1,000 population of the County of Wiltshire</u>		19.5	
	<u>Live Birth Rate per 1,000 population of England and Wales</u>		18.0	
b)	<u>Still Births.</u>	<u>Male.</u>	<u>Female.</u>	
	TOTAL	0	0	
	Legitimate	0	0	
	Illegitimate	0	0	
c)	<u>Deaths.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
	Number of Deaths as enumerated by Registrar General	34	25	59
	<u>Crude Death Rate per 1,000 population of the Urban District</u>		10.9	
	<u>Death Rate after correction by Area Comparability Factor (1.01) which permits comparison with National statistics below</u>		11.0	
	<u>Death Rate per 1,000 population of the County of Wiltshire</u>		10.8	
	<u>Death Rate per 1,000 population of England and Wales</u>		11.9	
d)	<u>Deaths of Infants under one year of age.</u>	<u>Male.</u>	<u>Female.</u>	
	TOTAL	1	0	
	Legitimate	1	0	
	Illegitimate	0	0	
e)	<u>Deaths of Infants under 4 weeks of age.</u>			
	TOTAL	0	0	
f)	<u>Deaths of Infants under one week of age.</u>			
	TOTAL	0	0	

5) Causes of Death.	Male.	Female.	Total.
<u>Group A - Certain Communicable Diseases.</u>			
1. Tuberculosis, respiratory	0	0	0
2. Tuberculosis, other	0	0	0
3. Syphilitic disease	0	0	0
4. Diphtheria	0	0	0
5. Whooping Cough	0	0	0
6. Meningococcal infections	0	0	0
7. Acute poliomyelitis	0	0	0
8. Measles	0	0	0
9. Other infective and parasitic diseases (except Influenza and Pneumonia)	2	0	2
Total Group A.	2	0	2
<u>Group B - Cancer and related Malignant Disease.</u>			
10. Malignant neoplasm, stomach	0	2	2
11. Malignant neoplasm, lung bronchus	4	0	4
12. Malignant neoplasm, breast	0	1	1
13. Malignant neoplasm, uterus	0	0	0
14. Other malignant and lymphatic neoplasms	1	3	4
15. Leukaemia, aleukaemia	1	0	1
Total Group B.	6	6	12
<u>Group C.</u>			
16. Diabetes	0	0	0
<u>Group D - Heart Disease and other disease of circulatory system.</u>			
17. Vascular lesions of nervous system	6	2	8
18. Coronary disease, angina	3	3	6
19. Hypertension with heart disease	2	0	2
20. Other heart disease	4	2	6
21. Other circulatory disease	2	0	2
Total Group D.	17	7	24

g)	<u>Causes of Death (Continued)</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
	<u>Group E - Respiratory diseases</u> <u>(other than Tuberculosis).</u>			
22.	Influenza	0	0	0
23.	Pneumonia	3	0	3
24.	Bronchitis	0	2	2
25.	Other diseases of respiratory system	<u>1</u>	<u>0</u>	<u>1</u>
	Total Group E.	4	2	6
	<u>Group F.</u>			
26.	Ulcer of Stomach and Duodenum	0	0	0
27.	Gastritis, enteritis and diarrhoea	0	0	0
28.	Nephritis and nephrosis	0	0	0
29.	Hyperplasia of prostate	0	0	0
30.	Pregnancy, childbirth, abortion	0	0	0
31.	Congenital malformations	0	0	0
32.	Other defined and ill-defined diseases	<u>2</u>	<u>6</u>	<u>8</u>
	Total Group F.	2	6	8
	<u>Group G - Accidents and Violence.</u>			
33.	Motor Vehicle Accidents	1	0	1
34.	All other accidents	2	4	6
35.	Suicide	0	0	0
36.	Homicide and operations of war.	<u>0</u>	<u>0</u>	<u>0</u>
	Total Group G.	3	4	7
37.	All Causes	34	25	59

TABLE OF BIRTH AND DEATH RATES

(Local Rates after correction by Area Factors).

Year	Population	Births	Rate per 1,000 population Westbury	Rate per 1,000 population England and Wales	Deaths	Rate per 1,000 population Westbury	Rate per 1,000 population England and Wales	Deaths of Infants under one year of age
1953	5,335	98	18.5	15.4	41	6.9	11.4	0
1954	5,420	98	19.0	15.2	60	10.3	11.3	6
1955	5,420	106	20.6	15.0	47	8.0	11.7	0
1956	5,460	83	16.0	15.6	45	8.3	11.7	1
1957	5,500	89	16.3	16.1	57	10.5	11.5	0
1958	5,500	74	14.0	16.4	75	13.8	11.7	3
1959	5,450	107	23.4	16.5	65	12.0	11.6	5
1960	5,420	94	18.0	17.1	67	12.4	11.5	3
1961	5,420	100	19.2	17.4	48	8.9	12.0	3
1962	5,440	98	18.7	18.0	59	11.0	11.9	1

SECTION B

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

a) Laboratory Facilities.

All samples requiring laboratory examination are sent to the Public Health Laboratory in Bath. Not only are reports on these samples available from the Medical Director but he is always willing to visit the District, and the Medical Practitioners and myself find this personal contact most satisfactory.

b) Ambulance Service.

The Ambulance service is provided and controlled by the Wiltshire County Council. The service in this district is controlled from the new station at Trowbridge (Telephone No. Trowbridge 3981/2) where the station is manned continuously. A sub-station in Warminster also serves the district. Non-emergency calls must originate from a doctor, dentist or midwife.

To obtain an ambulance in an emergency:-

where there is a dialling system in operation, dial 999

where there is no dialling system, lift the receiver and ask for an ambulance.

c) Midwifery, Home Nursing, Health Visitors and Home Help.

These services are provided and controlled by the Wiltshire County Council, County Hall, Trowbridge, telephone: TROWBRIDGE 3641.

d) Clinics and Treatment Centres.

The following Clinics serve the districts:-

1. Ante Natal:

At the Maternity Hospitals concerned.

Consultant Clinics are at Trowbridge and Bradford-on-Avon for patients referred by their own doctor or midwife.

Westbury Hospital - Thursday afternoons commencing at 2 p.m.

2. Infant Welfare:

Secondary Modern School, Leigh Road, Westbury at 2 - 4 p.m. every Thursday.

Dilton Services Social Club, Dilton Marsh. At 2.30 p.m. on second and fourth Fridays of each month.

3. Diphtheria, Whooping Cough, Tetanus, and Poliomyelitis Immunization.

Immunization is undertaken by the County Council and Medical Officers visit the schools in outlying villages at specified dates for this purpose. All family doctors will also carry out immunization.

The Westbury Clinic is held on the fourth Thursday of every month at 2.30 p.m. at the Secondary Modern School, Leigh Road, Westbury.

4. Paediatrics.

Warminster Hospital on second Friday in each month.

Trowbridge and District Hospital third Friday in each month.

5. Ear, Nose and Throat.

By invitation from the County Council or through the family doctor. Westbury Hospital.

6. Eye.

By invitation from the County Council.

Second, fourth and fifth Fridays in month at Methodist Schoolroom, Warminster.

10.30 to 1 p.m. every Monday at Trowbridge and District Hospital.

7. Orthopaedic.
At Trowbridge, by invitation from the County Council or through the family doctor.
At Warminster - first Monday in each month.
8. Gynaecology.
At Westbury Hospital on first and third Monday of each month.
9. Chest Clinic.
Trowbridge - Wednesday mornings and every Saturday from 10 a.m. to 1 p.m.
Cases referred by own doctor, or by invitation from the County Council.
10. Pneumatism.
Alternate Wednesdays at Trowbridge and District Hospital.
11. Radiotherapy Follow up (Cancer).
At Bristol and Bath by arrangement with the County Council.
At Trowbridge and District Hospital second Thursday in each month.
12. Mental Illness.
Trowbridge and District Hospital every Tuesday afternoon.
13. Chiropody.
By arrangement with the County Council.
14. Venereal Diseases.

	<u>Men.</u>	<u>Women.</u>
General Infirmary, Salisbury.	Friday - 5 - 6 p.m.	Friday - 3 - 4 p.m.
Royal United Hospital, Bath.	Friday - 5 - 6.30 p.m. Saturday - 5 - 6.30 p.m.	Tuesday - 5 - 6.30 p.m. Friday - 2.30 - 4.00 p.m.
St. Martin's Hospital, Bath.	Tuesday - 2 p.m.	Tuesday - 2 p.m.

e) Hospitals.

The four hospitals noted below serve the district and are controlled by the West Wiltshire Hospital Management Committee:

	<u>Beds.</u>	<u>Classification.</u>	<u>Type of case dealt with.</u>
Warminster Hospital.	30	General.)	Acute medical and surgical cases. Gynaecological cases, Chronic sick patients for short periods only.
Westbury and District Hospital.	20	do)	
Sambourne Hospital.	102	Mainly chronic sick.	
			Aged chronic sick. Accommodation reserved to the County Council for 26 Welfare residents.
Beckford Orthopaedic Hospital, Warminster.	26	Pre-convalescent and recovery unit, plus orthopaedic cases.	

Many residents also attend and receive treatment at Hospitals in Bath and Salisbury.

Maternity cases are admitted to hospitals at Bradford-on-Avon, Trowbridge and Salisbury.

Cases of infectious diseases are admitted to the Isolation Hospital at Bath. The majority of cases of Tuberculosis are admitted to Winsley Chest Hospital, the Manor Hospital, Bath and Odstock Hospital, Salisbury.

f) Mortuary.

An annual payment is made to the West Wiltshire Hospital Management Committee for mortuary facilities at the Sambourne Hospital, Warminster. The visiting pathologist has expressed his satisfaction with the facilities provided.

GENERAL INFORMATION

Ministry of Labour and National Service.

Weymouth Street,
Warminster.

Telephone: Warminster 2353.

Hours: 9 - 5 p.m.

Registrar of Births, Marriages and Deaths.

Market Place,
Warminster.

Springfield Road,
Westbury.

Telephone: Westbury 22.

Hours: 10 - 11.30 a.m. Monday, Wednesday and Friday.

National Assistance Board.

Area Office:

Bellefield House,
Milperton,
Trowbridge.

School Lane,
Bellvue Road,
Salisbury.

Telephone: Trowbridge 2348.

Telephone: Salisbury 2261.

In the event of an emergency outside office hours, in which the services of an officer of the Board are required, please telephone either:

Mr. P. Helmes,
4 Lowmead,
Trowbridge,
Wilts.

Telephone: Trowbridge 4206.

Mr. I. Evans,
77 Whiterow Park,
Trowbridge,
Wilts.

Telephone: Trowbridge 2497.

GENERAL INFORMATION (Continued)

National Assistance Board (Continued).

If you are unable to contact Mr. Evans, contact should be made with the following officer:

Mr. R. L. Bennetts,
1 Dainsway,
Salisbury,
Wilts.

Telephone: Salisbury 4365.

Mental Health Officers.

During Office Hours.

Mr. F. Garnett.

County Hall,
Trowbridge.

Telephone: Trowbridge 3641.

Deputy:
Mr. T. R. Williams.

County Hall,
Trowbridge.

Telephone: Trowbridge 3641.

Outside Office Hours.

Telephone Trowbridge Ambulance Station
to contact the officer on duty.
Telephone: Trowbridge 3981.

Ministry of Pensions and National Insurance.

Weymouth Street,
Warminster.

Telephone: Warminster 2351.

Wallbridge House,
Portway,
Frome.

Telephone: Frome 2373.

Hours: 9 - 5 p.m.

Bellefield House,
Hilperton Road,
Trowbridge.

Telephone: Trowbridge 2348.

SECTION C

PREVENTION AND CONTROL OF INFECTIOUS AND OTHER DISEASES.

The nearest centre which keeps emergency supplies of sera for the treatment of anthrax, botulism and snake-bite is:-

Man Green, Hospital, Bristol.

Telephone No. Pill 2165

Special arrangements for the treatment of anthrax have been provided by the South Western Regional Hospital Board at Claverton Down Hospital, Bath. This hospital also holds anti-anthrax serum for prophylactic use and for the treatment of patients sensitive to penicillin.

Organophosphorus Poisoning.

Certain insecticides contain organophosphorus poisons, e.g. parathion. Treatment is by pyridine-2-aldoxime methiodide (PAM).

A small supply of PAM is available in the Bristol Royal Infirmary Pharmacy (Tel. Bristol 22041).

An emergency service for the treatment of cases of organophosphorus insecticide poisoning is also provided by the Medical Division, C.D.E.E., (Ministry of Supply), Porton, Wilts. (Tel. Idmiston 211).

Infectious Diseases notified during 1962.

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May.</u>	<u>June.</u>	<u>July.</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Total.</u>
Measles	2	-	-	-	-	-	-	-	-	-	-	-	2
Scarlet Fever	-	-	-	-	-	-	-	-	-	1	-	-	1
Erysipelas	1	-	-	-	-	-	-	-	-	-	-	1	2
Whooping Cough	2	10	1	-	-	-	-	-	-	-	-	-	13
Primary Pneumonia	-	1	-	1	-	-	-	-	-	-	-	-	2
	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>			
Measles	144	-	63	5	292	4	22	-	307	2			
Whooping Cough	82	83	5	5	2	1	19	1	12	13			
Primary Pneumonia	-	-	-	-	1	1	3	2	-	2			
Influenzal Pneumonia	1	-	-	-	1	-	-	-	-	-			
Scarlet Fever	3	2	1	13	2	1	-	9	2	1			
Erysipelas	1	-	-	-	2	1	-	2	1	2			
Dysentery	-	-	-	-	9	69	-	-	-	-			
Polioomyelitis	1	-	1	-	-	-	-	-	-	-			
Ophthalmia Neonatorum	2	-	-	-	-	-	-	-	-	-			

Section 47, National Assistance Act, 1948.

No action under this section has been necessary during 1962.

Tuberculosis.

	<u>Pulmonary.</u>		<u>Non-Pulmonary.</u>	
	<u>Male.</u>	<u>Female.</u>	<u>Male.</u>	<u>Female.</u>
Cases on Register 31.12.61.	13	15	15	13
New Cases notified during 1962.	1	-	-	-
Transfers in	-	-	-	-
Deaths	-	-	-	-
Recovered and removed from register	1	1	-	2
Transferred out of district	-	2	-	-
Cases on Register 31.12.62.	13	12	15	11

Notifications and Deaths during the year:-

<u>Year</u>	<u>Pulmonary Tuberculosis.</u>		<u>Non-Pulmonary Tuberculosis.</u>		<u>Totals.</u>	
	<u>Notifications.</u>	<u>Deaths.</u>	<u>Notifications.</u>	<u>Deaths.</u>	<u>Notifications.</u>	<u>Deaths.</u>
1953	4	0	2	0	6	0
1954	9	0	4	0	13	0
1955	6	0	2	0	8	0
1956	2	0	0	0	2	0
1957	0	0	0	0	0	0
1958	2	1	0	0	2	1
1959	1	0	2	0	3	0
1960	1	0	0	0	1	0
1961	1	0	0	0	1	0
1962	1	0	0	0	1	0

Number of Cases on Register at end of each year:-

<u>Year.</u>	<u>Pulmonary.</u>	<u>Non-Pulmonary.</u>	<u>Total.</u>
1953	25	32	57
1954	31	32	63
1955	33	32	65
1956	39	32	71
1957	37	30	67
1958	34	29	63
1959	27	31	58
1960	28	31	59
1961	28	28	56
1962	25	26	51

Mass Radiography.

The Mass Radiography Unit did not visit Westbury in 1962. In future visits will only be made at intervals of two years.

IMMUNISATION AND SMALLPOX VACCINATION STATISTICS, 1962.

(The figures are supplied by courtesy of Dr. C. D. L. Lycett, C.H.O.H., Wiltshire).

Year of Birth		1962	1961	1960	1959	1958	1953-57	1948-52
Primary immns. completed during 1962	Diph.	59	50	2	1	1	12	-
	Wh/c.	59	50	1	1	-	-	-
	Tet.	59	50	2	1	-	29	7
Reinf. injections administered during 1962	Diph.	-	7	12	2	-	56	3
	Wh/c.	-	7	10	2	-	11	-
	Tet.	-	7	12	2	1	80	4

1962.

Age Group	Under 1	1	2 - 4	5 - 14	15 or over
Vaccinations	76	15	37	187	228
Re-vaccinations	-	-	1	30	188

1961.

Age Group	Under 1	1	2 - 4	5 - 14	15 or over
Vaccinations	74	4	3	2	3
Re-vaccinations	-	-	-	-	9

POLIOMYELITIS IMMUNIZATION

Completed Injections During 1962

Persons Born	2nd inj.	3rd inj.	4th inj.	3 oral	3rd oral after 2 injs.	4th oral
1943 - 1962	11	115	3	55	35	74
1933 - 1942	3	18	-	13	10	-
Babies born in 1962	-	-	-	6	-	-
Others	5	58	-	20	14	-
TOTAL	19	191	3	94	59	74

SECTION D.

Water Supplies and Sewage Disposal.

WATER SUPPLIES.

The water supply to the Urban District is mainly derived from the source at Wellhead; 114,791,000 gallons were extracted from this source in the year ending 1st March, 1963, as opposed to 104,000,000 gallons the previous year. Nearly 8,000,000 gallons were taken from the source at Bratton Road as opposed to nearly 6,000,000 the previous year.

Bacteriological examinations have been made of both raw and treated water and the results are given below. The figures relating to the amount of water consumed and the chemical sampling have been extracted from the Report of the West Wilts Water Board.

Wellhead - Untreated Water.

It will be seen that coliforms were present in most of the samples until the end of June and indeed in the last sample in June Type 1 B. Coli was demonstrated. For the rest of the year the untreated water was satisfactory.

<u>Date.</u>	<u>Source.</u>	<u>Probable numbers per 100 m.l.</u>		
		<u>Coliform Bacteria.</u>	<u>Bact. Coli. (Type 1)</u>	
8. 1.62.	Tap 4 Borehole.			
	Supply Wellhead.	2.	None demonstrated.	U.
22. 1.62.	No. 1 Borehole.			
	Supply Wellhead.	-1.	do.	U.
29. 1.62.	do.	3.	do.	U.
5. 2.62.	do.	14.	do.	U.
12. 2.62.	do.	3.	do.	U.
22. 2.62.	Tap. Borehole-Wellhead.			
	Supply Wellhead.	-1.	do.	U.
26. 2.62.	No. 1 Borehole.			
	Supply Wellhead.	3.	do.	U.
5. 3.62.	do.	4.	do.	U.
12. 3.62.	do.	-1.	do.	U.
19. 3.62.	do.	-1.	do.	U.
26. 3.62.	do.	2.	do.	U.
2. 4.62.	do.	1.	do.	U.
9. 4.62.	do.	-1.	do.	U.
16. 4.62.	do.	2.	do.	U.
30. 4.62.	do.	-1.	do.	U.
7. 5.62.	do.	3.	do.	U.
14. 5.62.	do.	2.	do.	U.
4. 6.62.	do.	1.	do.	U.
21. 6.62.	do.	-1.	do.	U.
27. 6.62.	do.	1.	1.	U.
5. 7.62.	do.	-1.	None demonstrated.	U.
12. 7.62.	do.	-1.	do.	U.
19. 7.62.	do.	-1.	do.	U.
26. 7.62.	do.	-1.	do.	U.
9. 8.62.	do.	-1.	do.	U.
13. 8.62.	do.	-1.	do.	U.
21. 8.62.	do.	-1.	do.	U.
27. 8.62.	do.	-1.	do.	U.
3. 9.62.	do.	-1.	do.	U.
10. 9.62.	do.	-1.	do.	U.
17. 9.62.	No. 4 Borehole.			
	Supply Wellhead.	-1.	do.	U.
24. 9.62.	do.	-1.	do.	U.
1.10.62.	do.	-1.	do.	U.
8.10.62.	do.	-1.	do.	U.
15.10.62.	do.	-1.	do.	U.
22.10.62.	do.	-1.	do.	U.
29.10.62.	Nos. 2 and 4 Boreholes.			
	Supply Wellhead.	-1.	do.	U.
5.11.62.	do.	-1.	do.	U.
11.11.62.	do.	-1.	do.	U.
19.11.62.	do.	-1.	do.	U.

WATER SUPPLIES (CONT'D).Wellhead - Untreated Water (Cont'd).

<u>Date.</u>	<u>Source.</u>	<u>Probable numbers per 100 m.l.</u>		
		<u>Coliform Bacilli.</u>	<u>Bact. Coli. (Type 1).</u>	
26.11.62.	Hos. 2 and 4 Boreholes.			
	Supply Wellhead.	-1.	None demonstrated.	J.
3.12.62.	do.	-1.	do.	J.
10.12.62.	do.	-1.	do.	J.
17.12.62.	do.	-1.	do.	J.

Wellhead - Treated Water.

<u>Date.</u>	<u>Source.</u>	<u>Probable numbers per 100 m.l.</u>		
		<u>Coliform Bacilli.</u>	<u>Bact. Coli. (Type 1).</u>	
8. 1.62.	Reservoir. Wellhead Inlet.			
	Supply Wellhead.	2.	None demonstrated.	T.
15. 1.62.	do.	-1.	do.	T.
22. 1.62.	do.	-1.	do.	T.
9. 8.62.	do.	1.	1.	T.
9. 8.62.	do.	-1.	None demonstrated.	T.
13. 8.62.	do.	-1.	do.	T.
21. 8.62.	do.	-1.	do.	T.
27. 8.62.	do.	-1.	do.	T.
10. 9.62.	do.	-1.	do.	T.
17. 9.62.	Newtown Reservoir.			
	Supply Wellhead.	-1.	do.	T.
24. 9.62.	do.	-1.	do.	T.
1.10.62.	do.	-1.	do.	T.
8.10.62.	do.	-1.	do.	T.
15.10.62.	do.	1.	do.	T.
22.10.62.	do.	-1.	do.	T.
29.10.62.	do.	-1.	do.	T.
5.11.62.	do.	1.	do.	T.
11.11.62.	do.	-1.	do.	T.
19.11.62.	do.	-1.	do.	T.
26.11.62.	do.	2.	1.	T.
10.12.62.	do.	-1.	do.	T.
17.12.62.	do.	-1.	do.	T.
3. 9.62.	do.	-1.	do.	T.

Bratton Road Source.

When this source was under the control of the Westbury and Dilton Marsh Water Board it was regarded as a most unsatisfactory source of supply. At that time sampling demonstrated gross pollution and the source was mainly abandoned and only used in an emergency. In 1962, sampling of the raw water from this source was not carried out by the Water Board but treatment of the water passing to the reservoir was obviously unsatisfactory since coliforms were demonstrated on three occasions and Type 1 B. Coli was also demonstrated on three occasions.

The reservoir capacity at Wellhead is insufficient for the size of the population and the water very rapidly passes into use. Until the capacity is doubled (and the Water Board intend to do this) strict control is necessary of the sterilization process at Bratton Well.

<u>Date.</u>	<u>Source.</u>	<u>Probable numbers per 100 m.l.</u>		
		<u>Coliform Bacilli.</u>	<u>Bact. Coli. (Type 1).</u>	
8. 1.62.	Newtown Reservoir. Inlet.			
	Supply Bratton Road.	-1.	None demonstrated.	T.
15. 1.62.	do.	-1.	do.	T.
22. 1.62.	do.	-1.	do.	T.

WATER SUPPLIES (CONT'D).Bratton Road Source (Cont'd).

<u>Date.</u>	<u>Source.</u>	<u>Probable numbers per 100 m.l.</u>		
		<u>Coliform Bacilli.</u>	<u>Bact. Coli. (Type 1).</u>	
13. 8.62.	Newtown Reservoir. Inlet.			
	Supply Bratton Road.	-1.	None demonstrated.	T.
20. 8.62.	Tap. Bratton Road Pump-house.	-1.	do.	T.
20. 8.62.	Newtown Reservoir. Inlet.			
	Supply Bratton Road.	-1.	do.	T.
27. 8.62.	do.	-1.	do.	T.
3. 9.62.	do.	-1.	do.	T.
10. 9.62.	do.	-1.	do.	T.
17. 9.62.	do.	3.	3.	T.
24. 9.62.	Tap. Bratton Road Pump-house.	-1.	None demonstrated.	T.
24. 9.62.	Newtown Reservoir. Inlet.			
	Supply Bratton Road.	-1.	do.	T.
1. 10.62.	do.	-1.	do.	T.
8. 10.62.	do.	1.	1.	T.
15. 10.62.	do.	5.	1.	T.
22. 10.62.	do.	-1.	None demonstrated.	T.
29. 10.62.	do.	-1.	do.	T.
5. 11.62.	do.	-1.	do.	T.
11. 11.62.	do.	-1.	do.	T.
19. 11.62.	do.	-1.	do.	T.
26. 11.62.	do.	-1.	do.	T.
3. 12.62.	do.	-1.	do.	T.
10. 12.62.	do.	-1.	do.	T.
17. 12.62.	do.	-1.	do.	T.

Samples were taken in the town itself by the Water Board and the Public Health Inspectors. It will be seen that coliforms were demonstrated on three occasions out of thirty-three samples. The Ministry of Health standard for treated water in the mains is that it should never be possible to demonstrate coliforms.

<u>Date.</u>	<u>Source.</u>	<u>Probable numbers per 100 m.l.</u>		
		<u>Coliform Bacilli.</u>	<u>Bact. Coli. (Type 1).</u>	
15. 1.62.	Tap. Laverton Institute.			
	Supply Wellhead.	-1.	None demonstrated.	T.
25. 1.62.	do.	-1.	do.	T.
29. 1.62.	do.	-1.	do.	T.
5. 2.62.	do.	-1.	do.	T.
12. 2.62.	do.	-1.	do.	T.
22. 2.62.	do.	-1.	do.	T.
26. 2.62.	do.	-1.	do.	T.
5. 3.62.	do.	-1.	do.	T.
12. 3.62.	do.	-1.	do.	T.
19. 3.62.	do.	-1.	do.	T.
26. 3.62.	do.	-1.	do.	T.
2. 4.62.	do.	1.	do.	T.
9. 4.62.	do.	-1.	do.	T.
16. 4.62.	do.	-1.	do.	T.
30. 4.62.	do.	-1.	do.	T.
7. 5.62.	do.	-1.	do.	T.
14. 5.62.	do.	1.	do.	T.
22. 5.62.	do.	-1.	do.	T.
4. 6.62.	do.	-1.	do.	T.
21. 6.62.	do.	-1.	do.	T.
5. 7.62.	do.	-1.	do.	T.
19. 7.62.	do.	-1.	do.	T.
13. 8.62.	do.	-1.	do.	T.
17. 9.62.	do.	-1.	do.	T.
24. 9.62.	do.	-1.	do.	T.
8. 10.62.	do.	-1.	do.	T.
22. 10.62.	do.	-1.	do.	T.

WATER SUPPLIES (CONT'D).

<u>Date.</u>	<u>Source.</u>	<u>Probable numbers per 100 m.l.</u>		
		<u>Coliform Bacilli.</u>	<u>Lact. Coli. (Type 1).</u>	
29.10.62.	Tap, Laverton Institute.			
	Supply Wellhead.	2.	None demonstrated.	T.
5.11.62.	do.	-1.	do.	T.
15.11.62.	do.	-1.	do.	T.
19.11.62.	do.	-1.	do.	T.
3.12.62.	do.	-1.	do.	T.
17.12.62.	do.	-1.	do.	T.

Swimming Baths.

Twelve samples were taken during the year; all these samples were equivalent to drinking water.

No chemical analyses were made during the year except to estimate the amount of radioactivity. Samples taken at Wellhead gave the following results:-

<u>Date Taken.</u>	<u>Total Beta Activity of Sample.</u>	<u>Potassium Content.</u>	<u>Natural Radio-Activity due to Potassium (K40).</u>	<u>Excess Radio-activity over Natural due to K40.</u>	<u>Artificial Radio-activity as Strontium 90.</u>
	<u>Counts/Minute per Litre.</u>	<u>Milligrams per Litre.</u>	<u>Counts/Minute per Litre.</u>	<u>Counts/Minute per Litre.</u>	<u>Micro micro curies per Litre.</u>
15. 5.62.	1.2	1.0	0.4	0.8	1.9

The p.H. of the water at Wellhead is about 7.3. The temporary hardness 191 p.p.m. permanent hardness 33 p.p.m. and the total hardness 224 parts per million. In other words, the water has not got any plumbo-solvent action and is of a hard type.

The number of Dwellinghouses supplied from Public Mains:

	<u>Direct to the houses.</u>	<u>By means of a standpipe.</u>
No. of Dwellinghouses	1,787	29
No. of Inhabitants.	5,345	95

SEWAGE DISPOSAL.

The reconstruction of the Westbury Sewage Works has been approved by the Ministry and, as your Inspector points out, land has been acquired to build the Works. 250,000 gallons of effluent from the present Works is used by the Associated Portland Cement Company for the conveyance of chalk and clay to the Works. As the Inspector of the Bristol Avon River Board points out: "potable water has thus been conserved and the river system relieved of an appreciable pollution load."

FACTORIES ACTS, 1937 to 1959.

1. INSPECTIONS for the purpose of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1,2,3,4 and 5 are to be enforced by Local Authorities	-	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	33	33	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	-	-	-	-
TOTAL	33	33	-	-

2. Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecu- tions were instituted (6)
	Found (2)	Remedied (3)	REFERRED		
			To H.E. Inspector (4)	By H.E. Inspector (5)	
Want of clealiness (S.1)					
Overcrowding (S.2)					
Unreasonable temperature (S.3)					
Inadequate ventilation (S.4)					
Ineffective drainage of floors (S.6)					
Sanitary Conveniences (S.7)					
Other offences against the Act					
TOTAL . . .	-	-	-	-	-

OUTWORK (Sections 110 and 111)

No. of outworkers in August list required by Section 110 (1) (c).

Wearing apparel (making, etc.)	327
Umbrellas, etc.	13
Textile weaving	10
	350

The Chief Public Health Inspector has provided the following report:

Housing.

During the year 8 private dwellings were completed.

The last tenant in a huttred dwelling was rehoused during the year.

Refuse Collection and Disposal.

The Council continues to share the facilities of the Warminster and Westbury Rural District Council's tip at Penleigh and this arrangement is working well.

A total of 42 tons of waste paper and cardboard was collected, baled and sold during the year for £231.

Litter Bins.

The Council concluded an agreement with a contractor for the erection of 53 litter bins in various positions in the town. The bins carry small advertisements and the contractor will pay a fee to the Council based on the number of bins.

Sewage and Sewage Disposal.

The District Valuer reached agreement during the year with the owners for the acquisition of land adjoining the present works, to enable a new disposal works to be built.

An agreement was reached with the Associated Portland Cement Manufacturers Limited, for the latter to use up to 250,000 gallons of purified sewage effluent per day from the Frogmore Works, in their manufacturing process.

Slum Clearance etc.

Closing orders were made in respect of 3 properties and at the end of the year the Council had under consideration a Closing Order in respect of one further property.

Milk (Special Designation) Regulations 1960.

The following samples were taken:-

<u>Producer.</u>	<u>No. of Samples.</u>	<u>Type of Milk.</u>	<u>Result.</u>
Mount Pleasant Dairies (Frome) Limited .	13.	Pasteurised.	Satisfied Prescribed Tests.
United Dairies (Wholesale) Ltd.	4.	Pasteurised.	ditto.
A. W. Jones, Westbury.	1.	Raw T.T.	ditto.
C.W.S. Creamery, Melksham.	3.	Pasteurised.	ditto.
A. R. Rousell, Westbury Leigh.	1.	Raw T.T.	ditto.

Under the delegation agreement three Dealers (Prepacked Milk) Licences were granted authorising the use of the special designations Tuberculin Tested and Pasteurised.

Food and Drugs.

I am pleased to report that a good standard of cleanliness is maintained in the food premises in the district.

During the year 177 x 4½ kilo tins of Tomato Pasta and 34½ lbs. of meat were surrendered to the Local Authority after being found unfit for human consumption.

Swimming Baths.

The Baths, which were opened for the summer season only, catered for approximately 14,500 bathers.

Public Conveniences.

The Council decided that new public conveniences should be sited in the new shopping area, High Street, as soon as a site is available.

SANITARY INSPECTIONS OF THE DISTRICT

Public Health Acts	23
Housing Acts	9
Complaints Investigated	1,309
Drain Test	22
Factories and Workshops	33
Pests Act	19
Petroleum Act	32
Bakehouses	2
Fried Fish Shop	2
Butchers' Shops	10
Food Shops etc.	38
Dairies	4
Houses disinfected	1
Informal Notices Served	2
Statutory Notices Served -	
Public Health Act	Nil
Housing Act	Nil

